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(Not for submission under 37 CFR 1.99)	Examiner Name	Piotr	Poltorak	
	Attorney Docket Numb	er	34250-0842	

	U.S.PATENTS								
Examiner Initial*	Cite	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear			
	1	6144949		2000-11-07	Harris				
	2	6154543		2000-11-28	Baltzley				
	3	6161180		2000-12-12	Matyas, et al.				
	4	6161181		2000-12-12	Haynes, III, et al.				
	5	6167518		2000-12-26	Padgett, et al.				
	6	6189096	B1	2001-02-13	Haverty				
	7	6192130	B1	2001-02-20	Otway				
	8	6192405	B1	2001-02-20	Bunnell				

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First Named Inventor Whee		ler, et al.		
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9	6199052	B1	2001-03-06	Mitty, et al.
10	6202151	B1	2001-03-13	Musgrave, et al.
11	6205437	B1	2001-03-20	Gifford
12	6213391	B1	2001-04-10	Lewis
13	6230269	В1	2001-05-08	Spies, et al.
14	6233565	B1	2001-05-15	Lewis, et al.
15	6233577	B1	2001-05-15	Ramasubramani, et al.
16	6240091	B1	2001-05-29	Ginzboorg, et al.
17	6243812	B1	2001-06-05	Matyas, et al.
18	6253027	B1	2001-06-26	Weber, et al.
19	6263447	B1	2001-07-17	French, et al.

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	20	6279112	B1	2001-08-21	O'toole, Jr., et al.
	 21	6282522	B1	2001-08-28	Davis, et al.
:	22	6285991	B1	2001-09-04	Powar
	23	6289460	B1	2001-09-11	Hajmiragha
	24	6292569	B1	2001-09-18	Shear, et al.
	25	6299062	B1	2001-10-09	Hwang
	26	6308277	B1	2001-10-23	Vaeth, et al.
	27	6310966	B1	2001-10-30	Dulude, et al.
	28	6314519	B1	2001-11-06	Davis, et al.
	29	6324525	В1	2001-11-27	Kramer, et al.
	30	6373950	B1	2002-04-16	Rowney

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	31	6484260	B1	2002-11-19	Scott, et al.
	32	6510516	B1	2003-01-21	Benson, et al.
	33	6523067	B2	2003-02-18	Mi, et al.
	34	6532451	B1	2003-03-11	Schell, et al.
	35	6565000	B2	2003-05-20	Sehr
į	36	6571339	B1	2003-05-27	Danneels, et al.
	37	6587837	B1	2003-07-01	Spagna, et al.
	38	678918 9	B2	2004-09-07	Wheeler, et al.
	39	6820199	B2	2004-11-16	Wheeler, et al.
	40	6820202	B1	2004-11-16	Wheeler, et al.
	41	6919574	B2	2005-07-19	Hashimoto, et al.

Application Number		10711147		
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First Named Inventor Whee		ler, et al.		
Art Unit		2134		
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Attorney Docket Number		34250-0842		

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Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publication 1 Date		Name of Pat of cited Docu	entee or Applicant iment	Relev	s,Columns,Lines where vant Passages or Relev es Appear	
	1	20010000053	A1	2001-03	3-22	Suh, et al.				
	2	20020120846	A1	2002-08	3-29	Stewart, et al.				
	3	20040250062	A1	2004-12	2-09	Douglas				
If you wisl	h to ac	dd additional U.S. Publ	ished Ap	plication	citatio	n information	olease click the Ad	d butto	on,	
				FOREIG	GN PAT	TENT DOCUM	IENTS			
Examiner Initial*	Cite No	Foreign Document Number ³			Kind Code ⁴	Publication Date	Applicant of cited Passage		Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear	T5
	1	2271178	CA	A1		1999-07-06	Moreau			
If you wish	n to ac	l dd additional Foreign P	atent Do	cument	citation	information p	lease click the Add	buttor	າ	<u></u>
			NON	I-PATE	NT LITE	RATURE DO	CUMENTS	·		
Examiner Initials*	Cite No	Include name of the a (book, magazine, jour publisher, city and/or	nal, seria	al, symp	osium,	catalog, etc),	the article (when a date, pages(s), vol	ippropi ume-is	riate), title of the item ssue number(s),	T5
	1	Disclosure Statement Ur	Disclosure Statement Under 37 C.F.R. § 1.56.							
	2	An Introduction to Crypto	ography, i	Network /	Associat	es, Inc. PGP, V	ersion 6.5.1, Jun. 19	99, pp	. 1-88.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)

Application Number		10711147	
Filing Date		2004-04-27	
First Named Inventor	Whe	eeler, et al.	
Art Unit		2134	
Examiner Name	Piot	r Poltorak	
Attorney Docket Number		34250-0842	

 		$\overline{}$
3	Annountsing the Standard for Digital Signature Standard (DSS), Federal Information Processing Standards Publication 186, May 19, 1994, pp. 1-18.	
4	Answers to Frequently Asked Questions about Today's Cryptography, RSA Data Security, Inc., Oct. 5, 1993, Revision 2.0, pp. 1-44.	
5	Apostolopoulos, et al. Securing Electronic Commerce: Reducing the SSL Overhead, IEEE Network, Jul./Aug. 2000, vol. 14, Issue 4, pp. 1-16.	
6	Arthur, Dwight. AADS Option for Buyer Authentication, Response to NACHA/IC ANT 2 RFI, Sep. 14, 1998. pp. 1-3.	
7	Authored by Applicant, "Redline Version of CADS Prior Art Description in the Application," 6 pages.	
8	BAL's PGP Public Key Server; The Computer Law Resource 1996; (website at http://www.complaw.com/pgp/webkeyserver.html) date of capture Feb. 8, 2003, pp. 1-2.	
9	Baltimore; Solutions; A new Era in Secure and Trusted E-Business; (Website at http://www.baltimore.com/solutions/index.asp) date of capture Feb 18, 2003, p. 1.	
10	Boeyen, Sharon. Certificate Policies and Certification Practice Statements, Entrast Technologies White Paper, Feb. 1997, Version 1.0, pp. 1-7.	
11	Building a Foundation of Trust in the PC, The Trusted Computing Platform Alliance, allegebly dated Jan. 2000 (website at http://www.trustedpc.org), pp. 1-9.	
12	Chan, Siu-cheung Charles. An Overview of Smart Card Security, allegedly dated Aug. 17, 1997, available at http://home.hkstar.com/~alanchan/papers/smartCardSecurity, date of capture Jan. 27, 2001, pp. 1-7.	
13	Common Criteria for Information Technology Security Evaluation, Smart Card Security User Group, Smart Card Protection Profile, draft Version 2.1d, allegedly dated Mar. 21, 2001, pp. 1-194.	

Application Number		10711147
Filing Date		2004-04-27
First Named Inventor Wheel		eler, et al.
Art Unit		2134
Examiner Name	Piotr	Poltorak
Attorney Docket Number		34250-0842

				1
000000000000000000000000000000000000000		Computer Data Authentication FIPS Publication 113 May 30, 1985, available at www.itl.nist.gov/fipspubs/fip113.htm. date of capture Jan. 16, 2001, pp. 1-7.		000000000
000000000000000000000000000000000000000	15	Gox. Peter. Banch Merketing SmartGate. Establishing the Scaleability of V. ONE's SmartGate Security System. Internet SmartWare, Ltd., Jul. 24, 1997, pp. 1-7.	000000000000000000000000000000000000000	00000000
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	16	Cylink atm encryptor (website at http://securitytools.hypermart.net/security_1/cylink_atm_encryptor.html), date of capture Feb. 18, 2003, p. 1.	0000000000	00000000
0000000000	77	Denny, Stephanie. "The Electronic Commerce Challenge." Date unknown but believed to be Dec. 14, 1998. Copy available at http://arraydev.com/commerce/JIBC/9811-06.ntm Trits article is provided for its discussion of the Secure Electronic Transactions (SET) protocol (1995), Mar. 31, 1999, pp. 1-2.		00000000
00000000000	18	Denny, Stepnanie. The Electric Commerce Challenge, Journal of Internet Banking and Commerce, Array Development, Mar. 31, 1999, website at http://www.arraydev.com/commerce/JIBC/9811-06.htm, pp. 1-2.	***************************************	
000000000000000000000000000000000000000	000000000000000000000000000000000000000	Digital Signature Guidelines Tutorial; ABA Network (website at http://www.abanet.org/scietech/ec/isc-dsg-tutorial.html), oate or capture Feb. 16, 2003, pp. 1-7.	00000000000	300000000
000000000000	00000000000000000000000 <u>0</u> 6600000	Pigital Signature Standard (DDS): FIPS Publication 186-2; Jan 27, 2004, pp. 1-72.	**************************************	
	21	Ellison, Carl M. Establishing Identity without Certification Authority, Cybercash, Inc. 6th USENIX Security Symposium, San Jose, July 22-25, 1996.		
00000000000	22	Entity Authentication Using Public Key Cryptography, FIPS Publication 196, Feb. 18, 1997, pp. 1-52.	20000	000000000
200000000000		Federal Information Processing Standards Publication 140-1, Security Requirements for Cryptographic Modules; US DOC/NBS, Jan. 11, 1994.		
	24	Federal Information Processing Standards Publication 140-2, Security Requirements for Cryptographic Modules, US		**********
i				

Application Number		10711147
Filing Date		2004-04-27
First Named Inventor Whee		eler, et al.
Art Unit		2134
Examiner Name	Piotr	Poltorak
Attorney Docket Number		34250-0842

	25	Federal Information Processing Standards Publication 180-1, Secure Hash Standard, US DOC/NBS, Apr. 17, 1995.		
	26	Federal Information Processing Standards Publication 186-2, Digital Signature Standard, US DOC/NBS, May 19, 1994.		
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Gerck, Ed. Overview of Certification Systems: x.509, PKIX, CA, PGP & SKIP- Do you understand digital certificates? Do you want to know what they warrant? Jul. 16, 2000, pp. 1-18.		5000000000
	28	Suide to Internet Security, Bublic Key Cryptography (website at http://www.e-certify.com/library/okc_quide.htm) captured on Feb. 18, 2003.		.000000000
	29	Guideline for Implementing Couptography in the Federal Government, NIST Special Publication 800-21, Nov. 1999, pp. 1-138.		***********
3000000000000	00000000000000000000000000000000000000	Guideline for the Use of Advanced Authentication Technology Alternatives, FIPS Publication 190, Sep. 28, 1994, available at http://csrc.nist.gov/publications/fips/fips190/fip190.txt, pp. 1-55.	000000000000000000000000000000000000000	0000000000
000000000000000000000000000000000000000	31	Heroux, Mark. A Private Key Storage Sever for DCE-Functional Specification, Open Software Foundation Request for Comments: 94.1, allegedly dated Nov. 1996, (website found at http://www.opengroup.org/rfc/mirror-rfc/rfc94.1.txt), date of capture June 13, 2001, pp. 1-73:		90000000
000000000000000000000000000000000000000	***************************************	Hettinga, Bob. Hettinga's Best of the Month, Journal of Internet Banking and Commerce, Array Development, Mar. 31, 1999, website at http://arraydev.com/commerce/dfb6/9994 26.htm, pp. 1-4.		000000000
2000000000000000		Hettinga's Best of the Month, Journal of Internet Banking and Commerce, 1-5-98, (website at wysiwyg://10/http://www.anaydev.com/commerce/J/BG/9894-28-htm), date of capture 1/11/99, pp. 6		000000000
00000000000		Also NO DATE "How PGP Works" web pages from www.pgpj.org.containing basic information. listed /P.P./))
200000000000		"Inside PGP Key Reconstruction: Technical Details," Revision by Will Price, dated Jul. 25, 2000, A PGP Security, Inc. White Paper.		
Į				1

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)

Application Number		10711147	
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First Named Inventor	Whe	eeler, et al.	
Art Unit		2134	
Examiner Name	Piot	r Poltorak	
Attorney Docket Number		34250-0842	

36	Internet Counsel, Consumer Internet Purchases Using ATM Cards Successfully Processed by NACHA Pilot Participants, Feb. 23, 2003, pp. 1-4.	
37	Internet Counsel, IACHA to Test ATM Card Payments for Consumer Internet Purchases, Feb. 23, 2003, pp. 1-3.	
38	Jul. 1997 Meeting Report, Electronic Payments Forum (website at http://www.epf.net.PrevMtngs/July97Mtng/July97Report.htm), date of calcure Jan. 11, 1999, pp. 2.	
39	Kaliski, Jr., Burton S. A Layman's Guide to a Subset of ASN.1, BER, and DER, An RSA Technical Note, Nov. 1, 1993, RSA Laboratories, Redwood City, CA, pp. 1-36.	
40	Kaliski, Jr., Burton S. An Overview of the PKCS Standards, An RSA Laboratories Technical Note, Nov. 1, 1993, RSA Data Security, Inc. Public-Key Cryptography Standards (PKCS), pp. 1-27.	
41	Kaliski, Jr., Burton S. Some Examples of the PKCS Standards, An RSA Laboratories Technical Note, Nov. 1, 1993, RSA Laboratories, Redwood City, CA, pp. 1-15.	
42	Kutler, Jeffrey. Privacy Broker: Ukely Internet Role for Banks? Digital Frontiers, Oct. 8, 1998, pp. 1-6.	
43	Linn, John. Trust Models and Management in Public-Key Infrastructures; RSA Laboratories, Nov. 6, 2000, pp. 1-13.	
44	Maurer, Ueli. Modeling a Public-Key Infrastructure, Sep. 1996, Proc. 1996 European Symposium of Research in Computer Security, Lecture Notes in Computer Science, Berlin: Springer-Verlag, Rome, Italy Department of Computer Science, Swiss Federal Institute of Technology, Zurich, Switzerland, pp. 1-26.	
45	Mereau, Thierry. Thirteen Reasons to Say 'No' to Public Key Cryptography, Draft Paper, Mar. 4, 1998, CONNOTECH Experts-Coseils, Inc., Montréal, Québec, Canada, pp. 1-5.	
46	News Release: Digital Signatures Can Secure ATM Card Payments on the Internet, NACHA Pilot Concludes, Jul. 23, 2001, pp. 1-2.	

Application Number		10711147	
Filing Date		2004-04-27	
First Named Inventor	Whe	eler, et al.	
Art Unit	•	2134	
Examiner Name	Piotr	Poltorak	
Attorney Docket Number		34250-0842	

		₹.					
	47	O'Ma	dey, Donal. Electronic Payment Systems, Artech Hou	se, Inc., pp. 51 and 77-80 (1961)			
	48	Pepe, Michel. Shart Cards Gaining Traction, CRN.com-Point of Sale: Trends, Markets and Technologies, Dec. 31, 2002, (website at http://www.crn.channelsupersearch.com/news/crn/39163.asp) captured on Feb. 18, 2003, pp. 1-2					
	49	"PGP Certificate Server, Total Network Security," Network Associates, 3968 Freedom Circle, Santa Clara, CA 95054-1203, dated Oct. 1999					
	50	. "PGP Desktop Security 7.0," PGP Security, 3965 Freedom Circle, Santa Clara, CA 95054-1203, dated Jul. 2000.					
If you wis	h to ac	dd add	tional non-patent literature document citation infon	mation please click the Add bu	itton		
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